

**ABSTRACT**

A system for cutting a bone at a desired location may include an image guided drill cylinder configured to receive either a drill bit to create a bore at a target location on the bone or a pin for insertion into the target location, and a cutting block having a plurality of adjustable guides, each defining a cutting path to guide a cutting instrument, a mounting location configured to attach to the bone at the target location, and a plurality of adjustors for adjusting the position of the guides relative to the target location. The system may further include a tracking instrument for providing image guidance of the adjustments to the positions of the guides.